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Exhibit A

JUL 20 2005

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7590

04/20/2005

Xiaohua Huang
PO BOX 9980
San Jose, CA 95157

07/22/2005 RHEBRAH1 00000001 10789661

01 FC:2501
02 FC:1504

700.00 DP
300.00 DP

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| | |
|---------------|--------------------|
| Xiaohua Huang | (Depositor's name) |
| <i>Xs</i> | (Signature) |
| 07/20/2005 | (Date) |

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10789.661 | 02/27/2004 | Xiaohua Huang | HUA-001 | 7572 |

TITLE OF INVENTION: CAM CELLS AND DIFFERENTIAL SENSE CIRCUITS FOR CONTENT ADDRESSABLE MEMORY (CAM)

| APPLN. TYPE | SMALL ENTITY | ISSUE FEE | PUBLICATION FEE | TOTAL FEE(S) DUE | DATE DUE |
|----------------|--------------|-----------|-----------------|------------------|------------|
| nonprovisional | YES | \$700 | \$300 | \$1000 | 07/20/2005 |

| EXAMINER | ART UNIT | CLASS-SUBCLASS |
|-------------|----------|----------------|
| HUR, JUNG H | 2824 | 365-049000 |

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
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2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
- (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

| | |
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| 1 | _____ |
| 2 | _____ |
| 3 | _____ |

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

San Jose, California

Please check the appropriate assignee category or categories (will not be printed on the patent): ☒ Individual ☐ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

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- ☒ Publication Fee (No small entity discount permitted)
- ☐ Advance Order - # of Copies _____

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- ☒ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

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Authorized Signature *Xs*

Date 07/20/2005

Typed or printed name Xiaohua Huang

Registration No. _____

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